

**Notice of Allowability**

Application No.

10/502,379

Examiner

Christine T. Tu

Applicant(s)

ALEXANDRE, JOLY

Art Unit

2133

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to application filed 7/23/2004.
2. ☒ The allowed claim(s) is/are 1-26.
3. ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
  - a) ☒ All b) ☐ Some\* c) ☐ None of the:
    1. ☒ Certified copies of the priority documents have been received.
    2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
    3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

\* Certified copies not received: \_\_\_\_\_.


Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.

**THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.**

4. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
  5. ☒ CORRECTED DRAWINGS ( as "replacement sheets") must be submitted.
    - (a) ☒ including changes required by the Notice of Draftsperson's Patent Drawing Review ( PTO-948) attached
      - 1) ☒ hereto or 2) ☐ to Paper No./Mail Date \_\_\_\_\_.
    - (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date \_\_\_\_\_.
- Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
6. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

**Attachment(s)**

1. ☒ Notice of References Cited (PTO-892)
2. ☒ Notice of Draftsperson's Patent Drawing Review (PTO-948)
3. ☒ Information Disclosure Statements (PTO-1449 or PTO/SB/08), Paper No./Mail Date 7/23/2004
4. ☐ Examiner's Comment Regarding Requirement for Deposit of Biological Material
5. ☐ Notice of Informal Patent Application (PTO-152)
6. ☐ Interview Summary (PTO-413), Paper No./Mail Date \_\_\_\_\_.
7. ☒ Examiner's Amendment/Comment
8. ☒ Examiner's Statement of Reasons for Allowance
9. ☐ Other \_\_\_\_\_.

  
**CHRISTINE T. TU**  
Primary Examiner

### EXAMINER'S AMENDMENT

1. An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it **MUST** be submitted no later than the payment of the issue fee.

Authorization for this examiner's amendment was given in a telephone interview with Mr. Raymond Linker on September 29, 2005.

The application has been amended as follows:

Claim 1:

At line 6, replace the term "parameter characteristic" with --characteristic parameter--.

At line 12, replace the labeling "D2" to -- D<sub>2</sub> --.

At line 12, replace the labeling "S2" to --S<sub>2</sub> --.

Claim 2:

At line 7, replace the article "the" with --a--.

Claim 6:

At line 7, replace the article "the" with --the--.

Claim 7:

At line 6, replace the article "the" with --the--.

Claim 13:

At line 16, delete "N' ".

At line 20, delete "N' ".

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Claim 15:

At line 1, insert the phrase – of said – after the word “one”.

At line 2, replace the word “number” with –numbers--.

Claim 16:

At line 1, insert the phrase – of said – after the word “one”.

At line 2, replace the word “number” with –numbers--.

Claim 17:

At line 1, insert the phrase – of said – after the word “one”.

At line 2, replace the word “number” with –numbers--.

Claim 18:

At line 1, insert the phrase – of said – after the word “one”.

At line 2, replace the word “number” with –numbers--.

Claim 19:

At line 1, insert the phrase – of said – after the word “one”.

At line 2, replace the word “number” with –numbers--.

Claim 20:

At line 1, insert the phrase – of said – after the word “one”.

At line 2, replace the word “number” with –numbers--.

Claim 21:

At line 1, insert the phrase – of said – after the word “one”.

At line 2, replace the word “number” with –numbers--.

Claim 25:

At line 2, replace the term "video data" to -- a video data stream--.

At line 2, replace the term "audio data" to -- an audio data stream--.

At line 3, insert --said-- after the term "points".

2. The following is an examiner's statement of reasons for allowance:

The present invention pertains a method for synchronizing two digital data streams with the same content. The prior arts of record, however, do not teach that a method of synchronizing two digital data streams with the same content comprising the combination features of generating at given intervals for each of the two digital data streams  $S_1$  and  $S_2$ , at least two characteristic numbers expressing at least one characteristic parameter of their content, generating from the numbers points  $D_1$  and  $D_2$  for each of the two streams  $S_1$  and  $S_2$  representing at least one of the characteristic parameters in a space of at least two dimensions, the points  $D_1$  corresponding to the streams  $S_1$  and the points  $D_2$  corresponding to the stream  $S_2$  being situated in a time period  $T$  and defining trajectories representative of the data streams  $S_1$  and  $S_2$  to be synchronized, shifting the time periods of duration  $T$  assigned to the digital data streams  $S_1$  and  $S_2$  relative to each other by calculating a criterion of superposition of the trajectories having an optimum value representing the required synchronization, choosing the shift between the time periods corresponding to the optimum value as a value representative of the synchronization. Hence, the prior arts of record do not


anticipate nor render obvious the claimed inventions. Thus, claims 1-26 are allowable over the prior arts of record.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Christine T. Tu whose telephone number is (571)272-3831. The examiner can normally be reached on Mon-Thur. 8:30am-6:00pm.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Albert DeCady can be reached on (571)272-3819. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

  
Christine T. Tu  
Primary Examiner  
Art Unit 2133

September 27, 2005